Specialist of Stainless Steel

Stainless steel material is more expensive and difficult to process, but it has good resistance to corrosion and heat, with the added benefits of impact resistance, a high degree of hardness, and low permeability. The material has low maintenance cost and has non-magnetic characteristics. Stainless steel based products are suitable to use in a variety of harsh environments.

Since its founding, Aplex has been working to provide products to clients with different applications that can be used in extremely harsh environments, including R&D investment to explore the processing difficulties of stainless steel industrial Panel PCs.

In 2011, Aplex has introduced an all new Panel PC that is both aesthetically beautiful and dust-proof, a flat bezel touch screen Panel PC that applies the latest projected capacitive multi-touch technology, and showcases excellent dust-proofing, providing users with a combination of useful features and a superior design with a new product concept. This fully demonstrates the quality technical workmanship Aplex applies to stainless steel Panel PC.

Aplex is the technology leader in the field of developing stainless steel Panel PCs. With a resolute research and development team and a complete product line, Aplex will continue to dedicate efforts to the development of comprehensive products, with an emphasis on quality assurance and complete after sales service. And will continue to provide you with solutions that meet harsh demands, and stable, high quality products.

Quick Guide Stainless steel panel PC

Model	APC-3X93P	APC-3X92(A/P/R)	APC-3X91A
CPU	Intel Atom D2550	Intel Atom N455/D525	Intel Socket P C2D Up to Intel P8400
Memory	On boardDDR3 2GB	DDR3 SO-DIMM	DDR3 SO-DIMM
Mothorboard	SBC-7106	ASB-L706(N/D)	ASB-L801
Flat Bezel	Yes	Yes	No
Touch Screen	Projected capacitive	Projected capacitive/Overlay resistive(APC-3792R only)	Optional Res/GFG/Cap
IP rating	IP65	IP65	IP65
Aluminum heat-sink	No	No (APC-3592A/3792P) Yes(APC-3592/3792R)	Yes
External Connector	M12	Waterproof	Waterproof
Steel enclosure model	No	No	No

Model	APC-3X97B	APC-3X97A	APC-3X98(A)
CPU	Intel Atom D2550	Intel Atom N270	Intel Atom Z510P/Z530P
Memory	On board 2GB	DDR2 SO-DIMM	On board DDR2 1GB
Mothorboard	SBC-7106	ASB-L701	ASB-B705
Flat Bezel	No	No	No
Touch Screen	Optional Res/GFG/Cap	Optional Res/GFG/Cap	Optional Res/GFG/Cap
IP rating	IP65	IP65	IP65
Aluminum heat-sink	No	No	No
External Connector	M12	Waterproof	Waterproof
Steel enclosure model	No	No	No

Model	APC-3X84A	APC-3X84	APC-3X82
CPU	Intel Atom D2550 / N2600	Intel Atom N270	Intel Atom D525
Memory	On board 2GB	DDR2 SO-DIMM	DDR3 SO-DIMM
Mothorboard	SBC-7106	ASB-L701	ASB-L706D
Flat Bezel	No	No	No
Touch Screen	Optional Res/GFG/Cap	Optional Res/GFG/Cap	Optional Res/GFG/Cap
IP rating	5 side IP65	5 side IP65	Front side IP65/ Others IP42
Aluminum heat-sink	No	Yes	Yes
External Connector	Normal	Normal	Normal
Steel enclosure model	Yes(APC-3X85A)	Yes(APC-3X85)	Yes(APC-3X83)

Stainless Steel Panel PC

APC-3X93P

Flat Bezel-Projected Capacitive Intel Atom D2550 Panel PC

- Intel Atom D2550 CPU support
- Fanless Design
- Projected capacitive touch
- Total IP65
- Wide range DC 11~32V

Features

1.
Full flat bezel design

2.
Stainless Steel Enclosure
Great Stainless Steel
Workmanship

3.
Total IP 65
All Waterproof connectors

4.

Wide range DC 11~32V

5.
Projected capacitive touch
Support Multi touch

6.
Support wide operating
temperature option -20~60
(with Industrial SSD or CF)

All specifications and photos are subject to change without notice.

APC-3X93P Stainless Steel Panel PC

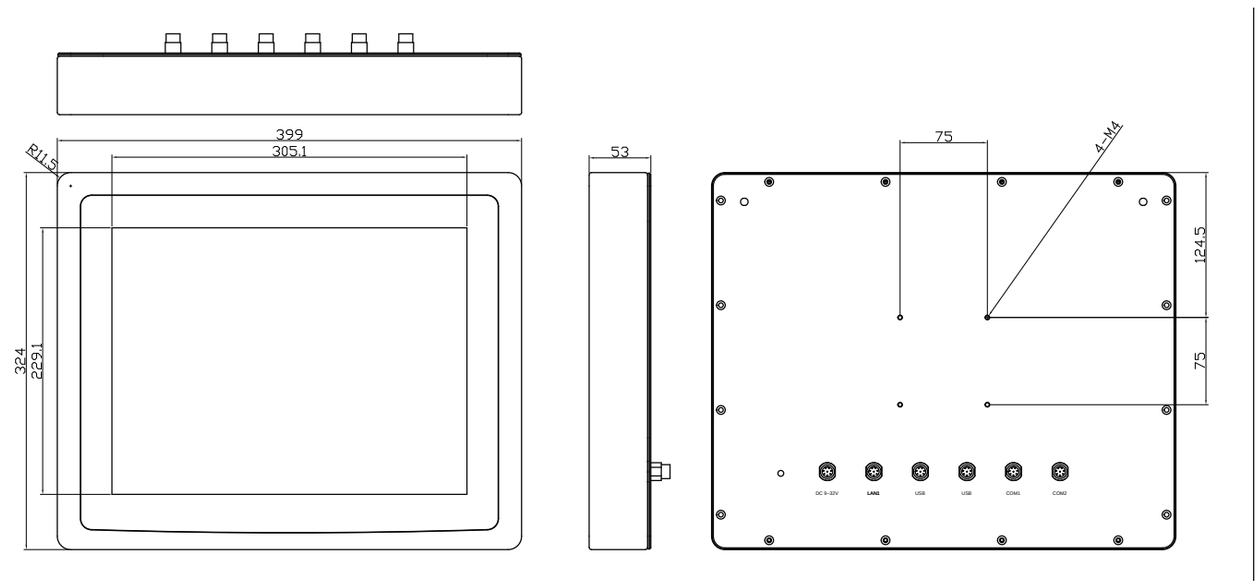
Specifications

Model No.	APC-3593P	APC-3793P
System		
Processor	Intel Atom Processor D2550 (1M Cache, 1.8 GHz)	
System chipset	Intel NM10 Express	
System memory	Onboard 2GB DDR3 800 MHz	
External I/O		
USB	1 x M12 8pin for USB 1/2 1 x M12 8pin for USB 3/4	
Serial/Parallel	1 x M12 8pin for COM 1/RS-232/422/485 (Default RS-232) 1 x M12 8pin for COM 2/RS-232	
Audio	None	
Graph	None	
LAN	1 x M12 8pin for LAN 1	
Digital I/O	None	
KB/MS	None	
Membrane control	None	
Power	1 x M12 3pin DC power connector	
Storage Space		
HDD	1 x 2.5" SATA2	
Movable device	1 x Internal SD slot	
Expansion		
On board expansion bus	1 x Mini PCIe half size	
Expansion slot	None	
Display		
Display type	15" TFT-LCD	17" TFT-LCD
Max. resolution	1024 x 768	1280 x 1024
Max. color	262K	16.7M
Luminance(cd/m²)	400	350
View angle(H°/V°)	160/145	170/170
Contrast	800:1	1000:1
Backlight lifetime(hrs)	50000	50000
Touch Screen		
Type	Projected capacitive	
Interface	USB	
Light transmission(%)	90%	
Power		
Power input	11~32V DC	
Mechanical		
Construction	Satinless steel	
IP rating	IP65	
Mounting	VESA 75 x 75	
Dimension(mm)	399 x 324 x 53	432 x 358 x 57 (TBD)
Net weight(Kgs)	7.0	8.5 (TBD)
Enviroment		
Operating temperature(°C)	0~50(with HDD) -20~60 (with Industrial SSD)	
Storage temperature(°C)	-30~70	
Storage humidity	10 to 90% @ 40°C, non- condensing	
Certification	CE/FCC class A	
Operating System Support		
Microsoft Windows 7 pro for embedded, Windows embedded standard 7		

APC-3X93P Stainless Steel Panel PC

Dimensions

APC-3593P



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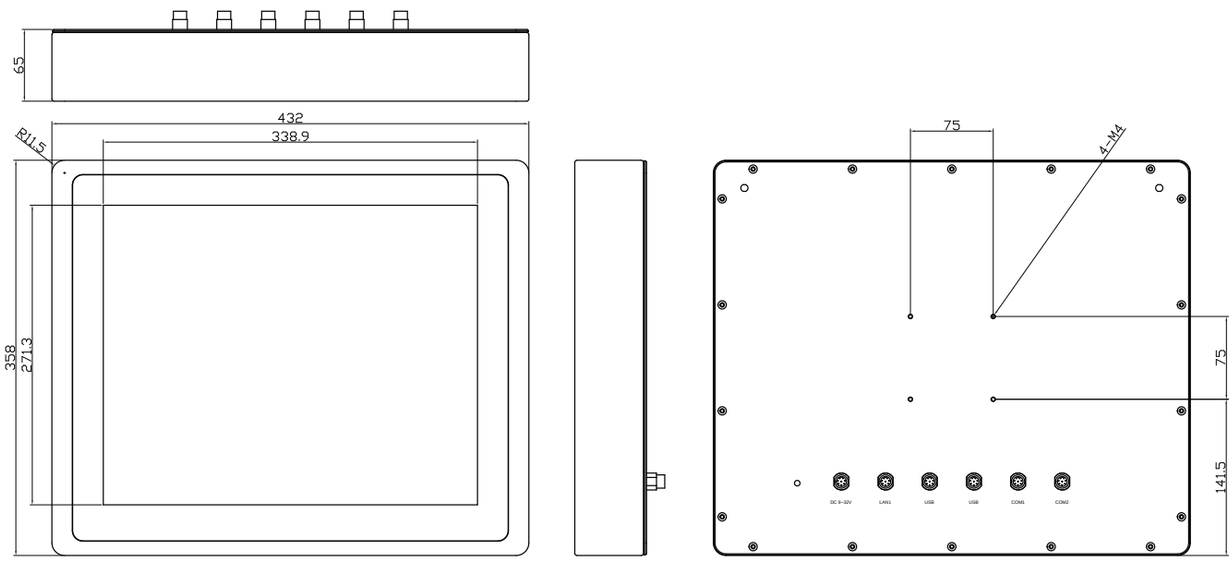
APC-3793P



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Ordering information

Model No.	Description
APC-3593P-01	15" XGA IP65 full flat bezel design stainless steel panel PC bare bone , Intel Atom D2550 processor 2G DDR3 memory, 2.5" SATA2 320G HDD with projected capacitive touch, DC power input with Adaptor, stainless steel enclosure
APC-3793P-01	17" SXGA IP65 full flat bezel design stainless steel panel PC bare bone , Intel Atom D2550 processor 2G DDR3 memory, 2.5" SATA2 320G HDD with projected capacitive touch, DC power input with Adaptor, stainless steel enclosure

All specifications and photos are subject to change without notice.

Stainless steel PPC

APC-3X92(A/R/P)

Flat Bezel-Projected Capacitive Full IP65/Intel Atom D525/N455 Panel PC

- Intel Atom D525/N455 support
- Fanless Design
- Projected capacitive touch
- Total IP65
- Wide range DC 11~32V

Features

1.

Full flat bezel design

2.

Projected capacitive touch
(APC-3x92P)
Resistive overlay touch
(APC-3792R)

3.

Great thermal design

4.

Stainless Steel Enclosure
Great Stainless Steel
Workmanship

5.

Total IP 65
All Waterproof connectors

6.

Wide range DC 11~32V

APC-3X92(A/R/P) Stainless Steel Panel PC

Specifications

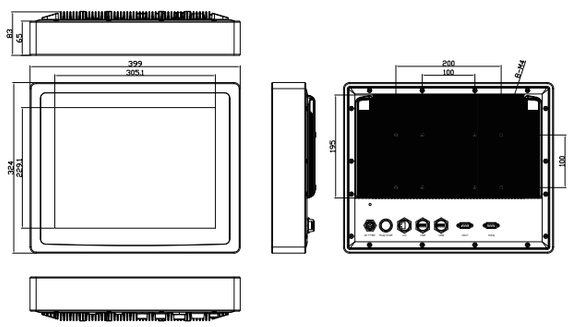
Model No.	APC-3592	APC-3592A	APC-3792R	APC-3792P
System				
Processor	Intel Atom Processor D525 (1M Cache, 1.8 GHz)	Intel Atom Processor N455 (512K Cache, 1.66 GHz)	Intel Atom Processor D525 (1M Cache, 1.8 GHz)	Intel Atom Processor N455 (512K Cache, 1.66 GHz)
System chipset	Intel ICH8M			
System memory	1 x DDR3 SO-DIMM slot, up to 2GB 800MHz			
External I/O				
USB	2 x USB 2.0 type A			
Serial/Parallel	1 x RS-232 DB9 1 x RS-232/422/485 selectable default RS-485 DB9			
Audio	None			
Graph	None			
LAN	1 x GbE RJ-45			
Digital I/O	None			
KB/MS	None			
Membrane control	None			
Power	1 x 3pin DC connector 1 x Power button with LED light			
Storage Space				
HDD	1 x 2.5" SATA2			
Movable device	1 x Internal CF slot			
Expansion				
On board expansion bus	1 x Mini PCIe full size1 x Mini PCIe half size			
Expansion slot	None			
Display				
Display type	15" TFT-LCD		17" TFT-LCD	
Max. resolution	1024 x 768		1280 x 1024	
Max. color	262K		16.7M	
Luminance(cd/m²)	400		350	
View angle(H°/V°)	160/145		170/170	
Contrast	800:1		1000:1	
Backlight lifetime(hrs)	50000		50000	
Touch Screen				
Type	Projected capacitive		Overlay resistive	Projected capacitive
Interface	USB		USB	USB
Light transmission(%)	90%		80%	90%
Power				
Power input	11~32V DC			
Mechanical				
Construction	Stainless steel(APC-3592/3792R with aluminum heat sink)			
IP rating	IP65	IP69K	IP65	IP65
Mounting	VESA 100 x 100, 200 x 100	VESA 100 x 100, 200 x 100	VESA 75 x 75	VESA 75 x 75
Dimension(mm)	399 x 324 x 83	399 x 324 x 65	432 x 358 x 67.9	432 x 358 x 65
Net weight(Kgs)	7.2	7.0	8.8	8.8
Enviroment				
Operating temperature(°C)	0~50(with HDD) -20~60(with SSD or CF)	0~50(with HDD) -20~60(with SSD or CF)	0~50	0~50(with HDD) -20~60(with SSD or CF)
Storage temperature(°C)	-30~70	-30~70	-30~70	-30~70
Storage humidity	10 to 90% @ 40°C, non- condensing			
Certification	CE/FCC class A			
Operating System Support				
Microsoft Windows 7 pro for embedded, Windows embedded standard 7, Windows XP Professional, XP embedded				

All specifications and photos are subject to change without notice.

APC-3X92(A/R/P) Stainless Steel Panel PC

Dimensions

APC-3592



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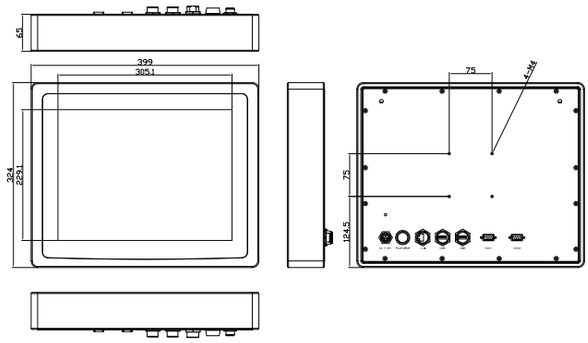
APC-3592A



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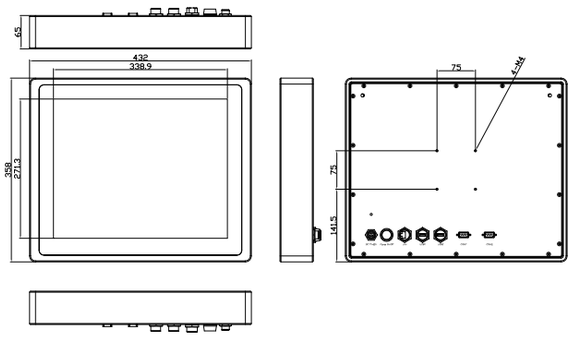
APC-3792P



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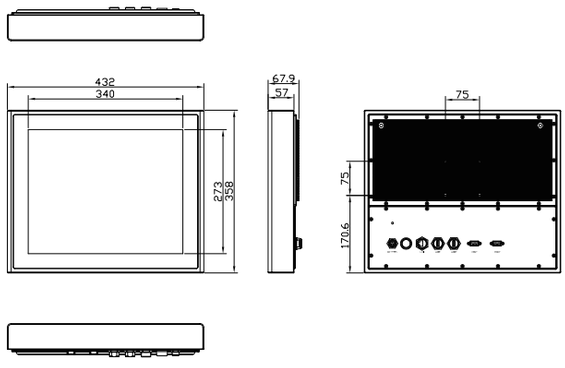
APC-3792R



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Ordering information

Model No.	Description
APC-3592T-01	15" XGA IP65 full flat bezel design stainless steel panel PC , Intel ATOM D525 processor, 2GB DDR3 800 MHz memory, 2.5" SATA 2 320GB Industrial HDD, with projective capacitive touch, 11~32V DC power input with Adaptor,stainless steel front and aluminum die-casting back cover
APC-3592AT-04	15" XGA IP65 full flat bezel design stainless steel panel PC , Intel ATOM N455 processor, 2GB DDR3 800 MHz memory, 2.5" SATA 2 320GB Industrial HDD, with projective capacitive touch, 11~32V DC power input with Adaptor,stainless steel enclosure
APC-3792P-04	17" SXGA IP69K full flat bezel design stainless steel panel PC, Intel ATOM N455 processor, 2GB DDR3 memory, with projective capacitive touch,2.5" SATA 2 320GB Industrial HDD, 11~32V DC power input with Adaptor, stainless steel enclosure

Stainless Steel Panel PC

APC-3X91A

High Performance/ Intel GM45 Socket P Panel PC

- Support up to Intel P8400 2.24G processor
- Fan less design
- Resistive touch for option
- 11~32 VDC wide range power input
- Totally IP65

Features

1.

Industrial Grade LED Backlight LCD Simple Design Power Saving

2.

Resistive touch or GFG touch option

3.

Core 2 Duo, Fanless Design

4.

Stainless Steel Enclosure Great Stainless Steel Workmanship

5.

Total IP 65All Waterproof connectors

6.

Wide range DC 11~32V

All specifications and photos are subject to change without notice.

APC-3X91A Stainless Steel Panel PC

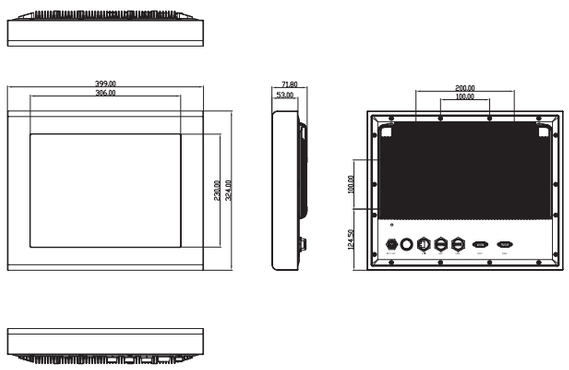
Specifications

Model No.	APC-3591A	APC-3791A	APC-3991A
System			
Processor	Intel socket P Processor, support up to P8400 2.26GHz		
System chipset	Intel GM45 + ICH9M		
System memory	1 x DDR3 SO-DIMM slot, up to 4GB 1066/1333 MHz		
External I/O			
USB	2 x USB 2.0 type A		
Serial/Parallel	1 x RS-232 DB9 1 x RS-232/422/485 selectable default RS-485 DB9		
Audio	None		
Graph	None		
LAN	1 x GbE RJ-45		
Digital I/O	None		
KB/MS	None		
Membrane control	None		
Power	1 x 3pin DC power connector		
Storage Space			
HDD	1 x 2.5" SATA2		
Movable device	1 x Internal CF slot		
Expansion			
On board expansion bus	1 x Mini PCIe half size		
Expansion slot	None		
Display			
Display type	15" TFT-LCD	17" TFT-LCD	19" TFT-LCD
Max. resolution	1024 x 768	1280 x 1024	1280 x 1024
Max. color	262K	16.7M	16.7M
Luminance(cd/m²)	400	350	350
View angle(H°/V°)	160/145	170/170	170/160
Contrast	800:1	1000:1	1000:1
Backlight lifetime(hrs)	50000	50000	50000
Touch Screen			
Type	Resistive		
Interface	USB		
Light transmission(%)	80%		
Power			
Power input	11~32V DC		
Mechanical			
Construction	Stainless steel with aluminum heat sink		
IP rating	IP65		
Mounting	VESA 100 x 100, 200 x 100	VESA 75 x 75	VESA 100 x 100
Dimension(mm)	399 x 324 x 71.8	432 x 358 x 68.2	470 x 388.6 x 71.2
Net weight(Kgs)	6.9	9.1	11.5
Enviroment			
Operating temperature(°C)	-10~50		
Storage temperature(°C)	-20~60		
Storage humidity	10 to 90% @ 40°C, non- condensing		
Certification	CE/FCC class A		
Operating System Support			
Microsoft Windows 7 pro for embedded, Windows embedded standard 7, Windows XP Professional, XP embedded			

APC-3X91A Stainless Steel Panel PC

Dimensions

APC-3591A



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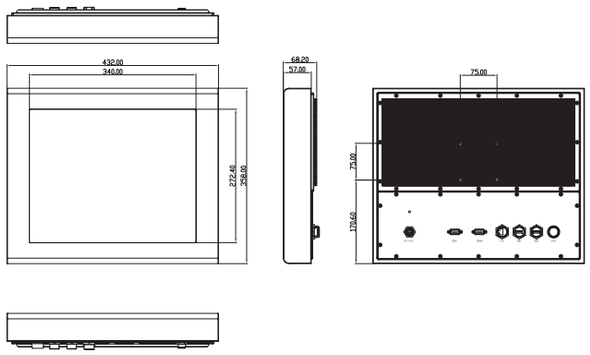
APC-3791A



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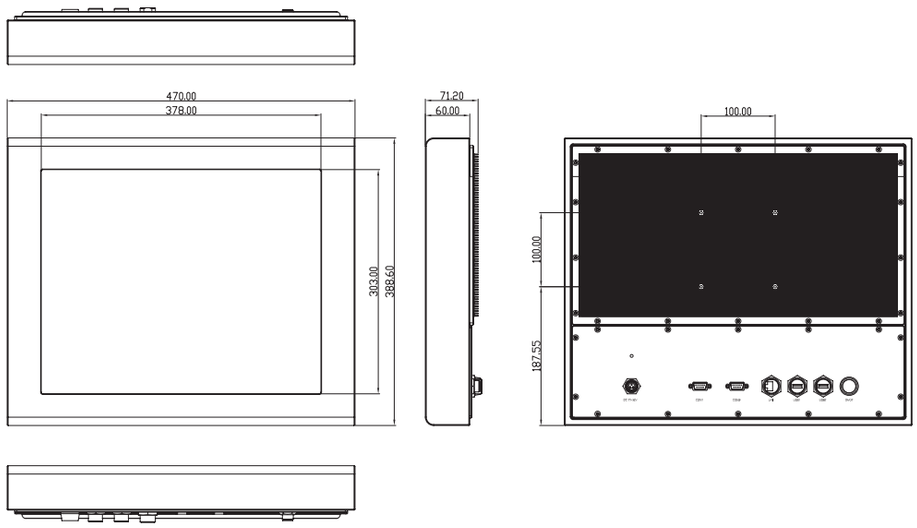
APC-3991A



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Ordering information

Model No.	Description
APC-3591AT-01	15" XGA IP65 fan less panel PC, Intel P8400 2.26GHz processor, 2GB DDR3 800 MHz memory, Intel GM45 chipset , 2.5" SATA 2 320GB Industrial HDD, resistive touch,11~32V DC power input with adaptor, stainless steel front and aluminum die-casting back cover
APC-3791AT-01	17" SXGA IP65 fan less panel PC, Intel P8400 2.26GHz processor, 2GB DDR3 800 MHz memory, Intel GM45 chipset,2.5" SATA 2 320GB Industrial HDD, Wi-Fi and bluetooth, resistive touch,11~32V DC power input with adaptor, stainless steel front and aluminum heatsink back cover
APC-3991AT-01	19" SXGA IP65 fan less panel PC, Intel P8400 2.26GHz processor, 2GB DDR3 800 MHz memory, Intel GM45 chipset , 2.5" SATA 2 320GB Industrial HDD, resistive touch,11~32V DC power input with adaptor, stainless steel front and aluminum heatsink back cover

All specifications and photos are subject to change without notice.

Stainless steel PPC

APC-3X97B

Low Power Consumption Full IP65/ Intel Atom D2550 Panel PC

- Intel Atom D2550 CPU support
- Fanless Design
- Resistive touch or GFG touch option
- Total IP65
- Wide range DC 11~32V

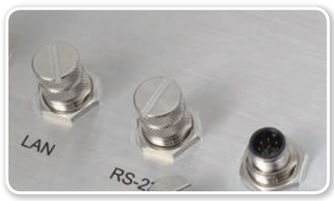
Features

1.

Low power consumption
Slime size, Fanless Design

2.

Stainless Steel Enclosure
Great Stainless Steel
Workmanship

3. 

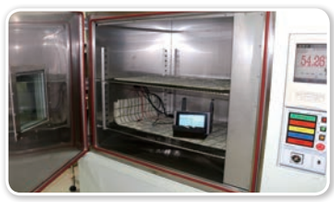
Total IP 65
M12 connectors

4.

Wide range DC 11~32V

5.

Resistive touch or GFG touch
option

6. 

Support wide operating
temperature option -20~60
(with Industrial SSD or CF)

APC-3X97B Stainless Steel Panel PC

Specifications

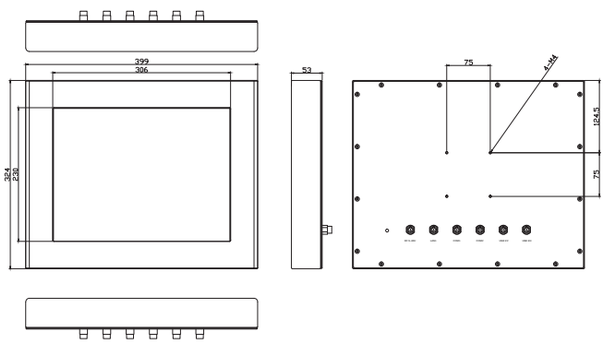
Model No.	APC-3597B	APC-3797B	APC-3997B
System			
Processor	Intel Atom Processor D2550 (1M Cache, 1.8 GHz)		
System chipset	Intel NM10 Express		
System memory	Onboard 2GB DDR3 800 MHz		
External I/O			
USB	1 x M12 8pin for USB 1/2 1 x M12 8pin for USB 3/4		
Serial/Parallel	1 x M12 8pin for COM 1/RS-232/422/485 (Default RS-232) 1 x M12 8pin for COM 2/RS-232		
Audio	None		
Graph	None		
LAN	1 x M12 8pin for LAN 1		
Digital I/O	None		
KB/MS	None		
Membrane control	None		
Power	1 x M12 3pin DC power connector		
Storage Space			
HDD	1 x 2.5" SATA2		
Movable device	1 x Internal SD slot		
Expansion			
On board expansion bus	1 x Mini PCIe half size		
Expansion slot	None		
Display			
Display type	15" TFT-LCD	17" TFT-LCD	19" TFT-LCD
Max. resolution	1024 x 768	1280 x 1024	1280 x 1024
Max. color	262K	16.7M	16.7M
Luminance(cd/m²)	400	350	350
View angle(H°/V°)	160/145	170/170	170/160
Contrast	800:1	1000:1	1000:1
Backlight lifetime(hrs)	50000	50000	50000
Touch Screen			
Type	Resistive		
Interface	RS-232		
Light transmission(%)	80%		
Power			
Power input	11~32V DC		
Mechanical			
Construction	Satinless steel		
IP rating	IP65		
Mounting	VESA 75 x 75	VESA 75 x 75	VESA 100 x 100
Dimension(mm)	399 x 324 x 53	432 x 358 x 57	470 x 388.6 x 60
Net weight(Kgs)	6.9	9.8	11.2
Enviroment			
Operating temperature(°C)		0~50°C(with HDD)	0~50°C
Storage temperature(°C)	-20~60°C (with Industrial SSD)		
Storage humidity	10 to 90% @ 40°C, non- condensing		
Certification	CE/FCC class A		
Operating System Support			
Microsoft Windows 7 pro for embedded, Windows embedded standard 7			

All specifications and photos are subject to change without notice.

APC-3X97B Stainless Steel Panel PC

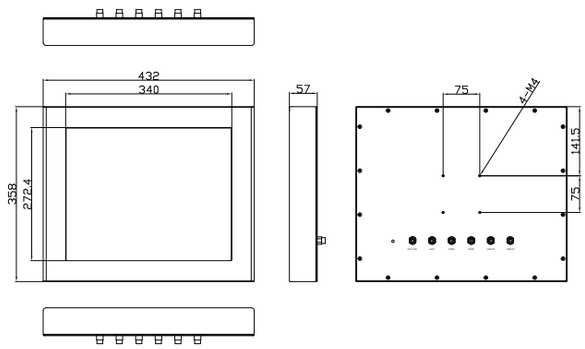
Dimensions

APC-3597B



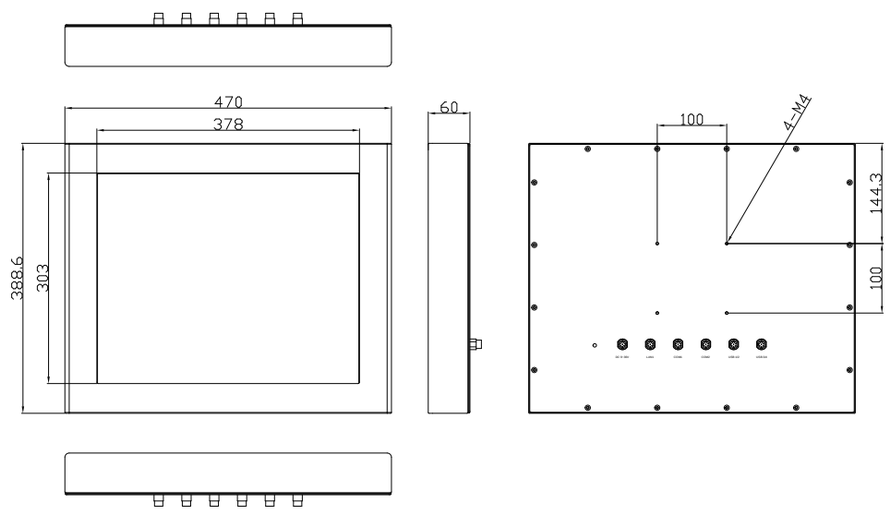
unit:mm

APC-3797B



unit:mm

APC-3997B



unit:mm

Ordering information

Model No.	Description
APC-3597B-01	15" XGA IP65 Intel Atom D2550 fan less panel PC, 2G DDR3 memory, 2.5" SATA2 320GB HDD,DC power input with adaptor, stainless steel enclosure
APC-3797B-01	17" SXGA IP65 Intel Atom D2550 fan less panel PC, 2G DDR3 memory, 2.5" SATA2 320GB HDD, DC power input with adaptor, stainless steel enclosure
APC-3997B-01	19" SXGA IP65 Intel Atom D2550 fan less panel PC, 2G DDR3 memory, 2.5" SATA2 320GB HDD, DC power input with adaptor, stainless steel enclosure

Stainless Steel Panel PC

APC-3X97A

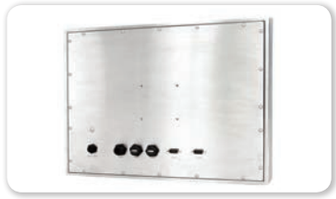
Low Power Consumption Full IP65/ Intel Atom N270 Panel PC

- Intel Atom N270 CPU support
- Fanless Design
- Resistive touch or GFG touch option
- Total IP65
- Wide range DC 11~32V

Features

1.
Industrial Grade LED Backlight LCD Simple Design , Power Saving

2.
Resistive touch or GFG touch option

3. 
Slime size, Fanless Design

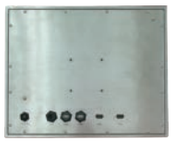
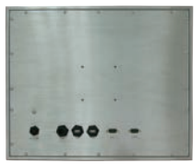
4.
Stainless Steel Enclosure Great Stainless Steel Workmanship

5.
Total IP 65All Waterproof connectors

6.
Wide range DC 11~32V

All specifications and photos are subject to change without notice.

APC-3X97A Stainless Steel Panel PC

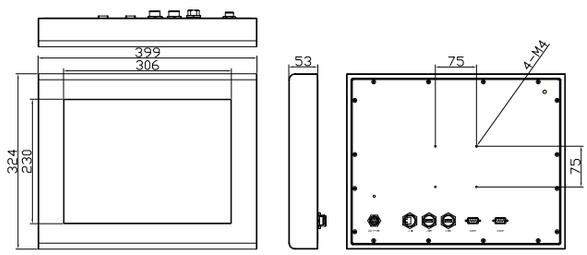
Specifications

Model No.	APC-3597A	APC-3797A	APC-3997A
System			
Processor	Intel Atom Processor N270 (512K Cache, 1.6 GHz)		
System chipset	Intel 945GSE + ICH7M		
System memory	1 x DDR2 SO-DIMM slot, up to 2GB 533 MHz		
External I/O			
USB	2 x USB 2.0 type A		
Serial/Parallel	1 x RS-232 DB9,1 x RS-232/422/485 selectable default RS-485 DB9		
Audio	None		
Graph	None		
LAN	1 x GbE RJ-45		
Digital I/O	None		
KB/MS	None		
Membrane control	None		
Power	1 x 3pin DC power connector		
Storage Space			
HDD	1 x 2.5" SATA2		
Movable device	1 x Internal CF slot		
Expansion			
On board expansion bus	1 x Mini PCIe full size		
Expansion slot	None		
Display			
Display type	15" TFT-LCD	17" TFT-LCD	19" TFT-LCD
Max. resolution	1024 x 768	1280 x 1024	1280 x 1024
Max. color	262K	16.7M	16.7M
Luminance(cd/m²)	400	350	350
View angle(H°/V°)	160/145	170/170	170/160
Contrast	800:1	1000:1	1000:1
Backlight lifetime(hrs)	50000	50000	50000
Touch Screen			
Type	Resistive		
Interface	USB		
Light transmission(%)	80%		
Power			
Power input	11~32V DC		
Mechanical			
Construction	Satinless steel		
IP rating	IP65		
Mounting	VESA 75 x 75	VESA 75 x 75	VESA 100 x 100
Dimension(mm)	399 x 324 x 53	432 x 358 x 57	470 x 388.6 x 60
Net weight(Kgs)	6.9	9.8	11.2
Enviroment			
Operating temperature(°C)	0~50		
Storage temperature(°C)	-20~60		
Storage humidity	10 to 90% @ 40°C, non- condensing		
Certification	CE/FCC class A		
Operating System Support			
Microsoft Windows 7 pro for embedded, Windows embedded standard 7, Windows XP Professional, XP embedded			

APC-3X97A Stainless Steel Panel PC

Dimensions

APC-3597A



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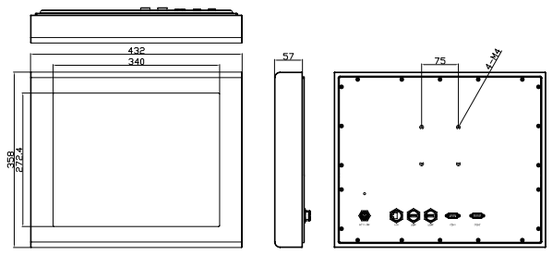
APC-3797A



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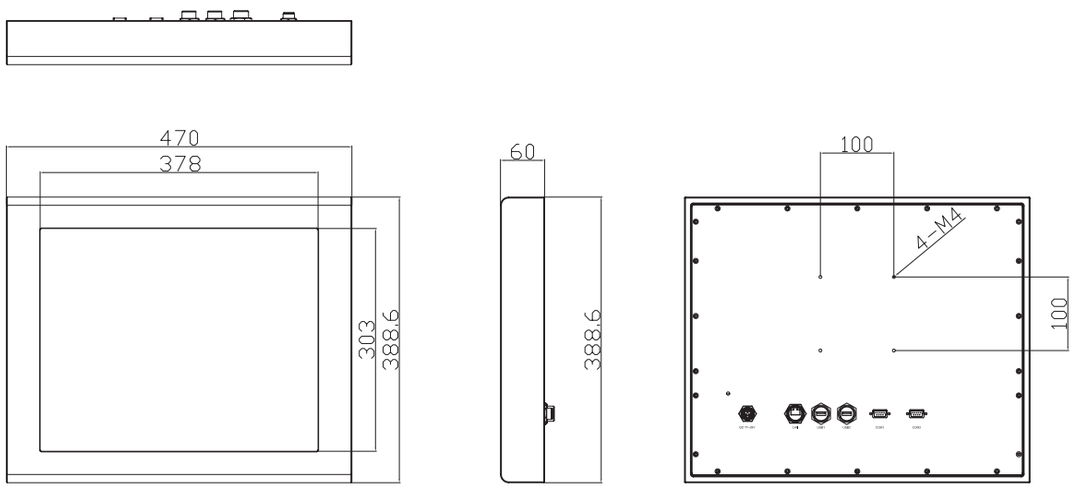
APC-3997A



unit:mm

Ordering information

Model No.	Description
APC-3597AT-22	15" XGA IP65 Intel Atom N270 fan less panel PC, 1GB DDR2 533MHz memory, 8GB SLC CF, resistive touch , 11~32VDC power input with adaptor, stainless steel enclosure
APC-3597AT-19	15" XGA IP65 Intel Atom N270 fan less panel PC, 1GB DDR2 533MHz memory, 2.5" SATA 2 320GB Industrial HDD, resistive touch , 11~32VDC power input with adaptor, stainless steel enclosure
APC-3797AT-09	17" SXGA IP65 Intel Atom N270 fan less panel PC, 1GB DDR2 533MHz memory, 8GB SLC CF,resistive touch , 11~32VDC power input with adaptor, stainless steel enclosure
APC 3797AT-08	17" SXGA IP65 Intel Atom N270 fan less panel PC, 1GB DDR2 533MHz memory, 2.5" SATA 2 320GB Industrial HDD , resistive touch , 11~32VDC power input with adaptor, stainless steel enclosure
APC-3997AT-08	19" SXGA IP65 Intel Atom N270 fan less panel PC, 1GB DDR2 533MHz memory, 2.5" SATA 2 320GB Industrial HDD, resistive touch, 11~32VDC power input with adaptor, stainless steel enclosure
APC-3997AT-07	19" SXGA IP65 Intel Atom N270 fan less panel PC, 1GB DDR2 533MHz memory, 2.5" SATA 16GB SLC SSD, resistive touch , 11~32VDC power input with adaptor, stainless steel enclosure

All specifications and photos are subject to change without notice.

Stainless steel PPC

APC-3X98

Low Power Consumption Full IP65/ Intel Atom Z5XXP Panel PC

- Intel Atom Z5XXP CPU support
- Fanless Design
- Resistive touch option
- Total IP65
- Wide range DC 9~32V

Features

1.

Low power consumption

2.

Resistive touch option

3.

Fanless Design

4.

Stainless Steel Enclosure
Great Stainless Steel
Workmanship

5.

Total IP 65/IO at the bottom side
All Waterproof connectors

6.

Wide range DC 9~32V

All specifications and photos are subject to change without notice.

APC-3X98 Stainless Steel Panel PC

Specifications

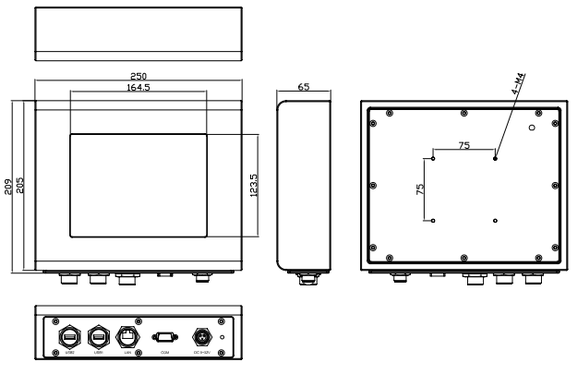
Model No.	APC-3098	APC-3298A	APC-3598A
System			
Processor	Intel Atom Processor Z510P (512K Cache, 1.1 GHz)	Intel Atom Processor Z510P (512K Cache, 1.1 GHz) Intel Atom Processor Z530P (512K Cache, 1.6GHz) for option	Intel Atom Processor Z510P (512K Cache, 1.1 GHz) Intel Atom Processor Z530P (512K Cache, 1.6 GHz) for option
System chipset	Intel US15WP		
System memory	Onboard 1GB DDR2 400 MHz		
External I/O			
USB	2 x USB 2.0 type A		
Serial/Parallel	1 x RS-232 DB9 1 x RS-232/422/485 selectable default RS-232 DB9		
Audio	None		
Graph	None		
LAN	1 x GbE RJ-45		
Digital I/O	None		
KB/MS	None		
Membrane control	None		
Power	1 x 3pin DC power connector		
Storage Space			
HDD	1 x 2.5" SATA2		
Movable device	1 x mSATA slot		
Expansion			
On board expansion bus	1 x Mini PCIe half size		
Expansion slot	None		
Display			
Display type	8" TFT-LCD	12.1" TFT-LCD	15" TFT-LCD
Max. resolution	800 x 600	800 x 600	1024 x 768
Max. color	262K	262K	262K
Luminance(cd/m²)	350	350	400
View angle(H°/V°)	140/125	140/110	160/145
Contrast	500:1	300:1	800:1
Backlight lifetime(hrs)	50000	50000	50000
Touch Screen			
Type	Resistive		
Interface	USB		
Light transmission(%)	80%		
Power			
Power input	9~32V DC		
Mechanical			
Construction	Satinless steel		
IP rating	IP65		
Mounting	VESA 75 x 75	VESA 75 x 75	VESA 75 x 75
Dimension(mm)	250 x 260 x 65	335 x 265 x 65	399 x 324 x 65
Net weight(Kgs)	3.2	5.1	7.2
Enviroment			
Operating temperature(°C)	0~50		
Storage temperature(°C)	-20~60		
Storage humidity	10 to 90% @ 40°C, non- condensing		
Certification	CE/FCC class A		
Operating System Support			
Microsoft Windows 7 pro for embedded, Windows embedded standard 7, Windows XP Professional, XP embedded			

All specifications and photos are subject to change without notice.

APC-3X98 Stainless Steel Panel PC

Dimensions

APC-3098



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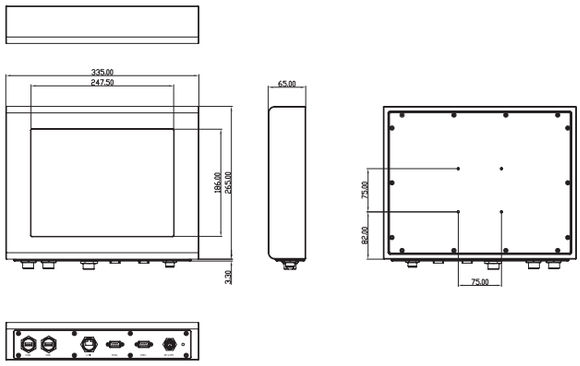
APC-3298A



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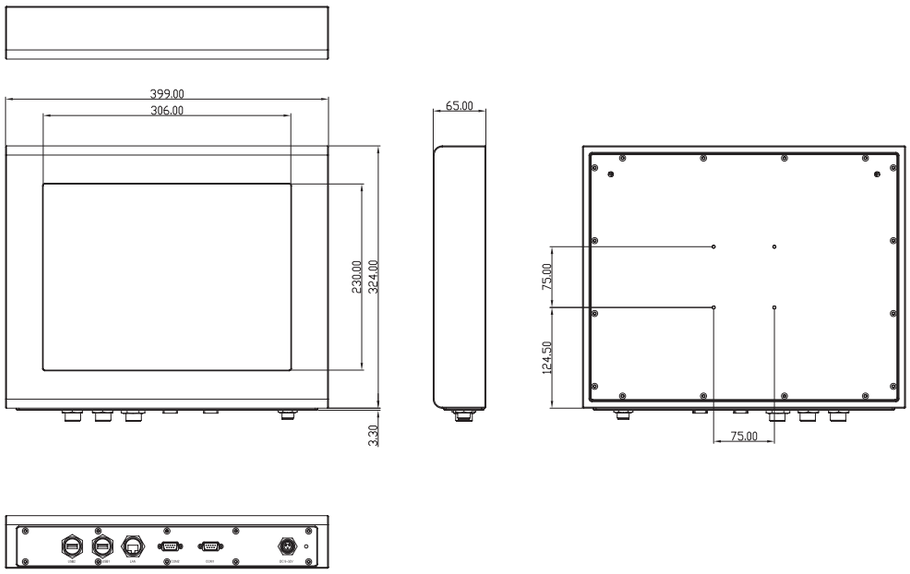
APC-3598A



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Ordering information

Model No.	Description
APC-3098T-03	8" SVGA IP65 Intel Atom Z510P fan less panel PC, on board 1GB DDR2 400MHz memory,320G SATA industrial, resisitive touch, I/O at bottom side, DC power input with adaptor, stainless steel enclosure
APC-3298AT-04	12" SVGA IP65 Intel Atom Z510P fan less panel PC , on board 1GB DDR2 400MHz memory, 320G SATA Industrial, resisitive touch, I/O at bottom side, DC power input with adaptor, stainless steel enclosure
APC-3598A-02	15" XGA IP65 Intel Atom Z510P fan less panel PC , on board 1GB DDR2 400MHz memory , 320G SATA Industrial, resisitive touch, I/O at bottom side, DC power input with adaptor, stainless steel enclosure

Stainless Steel Panel PC

APC-3X84A/85A

Low Power Consumption 5 Sides IP65/ Intel Atom D2550/N2600 Panel PC

- Intel Atom D2550/N2600 CPU support
- Fanless Design
- Resistive touch or GFG touch option
- IP65 except I/O side
- Wide range DC 11~32V

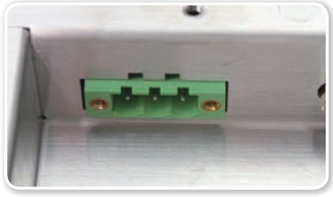
Features

1.

Slime size, Fanless Design

2.
Stainless Steel Enclosure
Great Stainless Steel
Workmanship

3.
Easy Accessible Storage Design

4. 
Wide range DC 11~32V

5.
Resistive touch or GFG touch
option

6.
Wide operating temperature
option -20~60
(with Industrial SSD or CF)

All specifications and photos are subject to change without notice.

APC-3X84A/85A Stainless Steel Panel PC

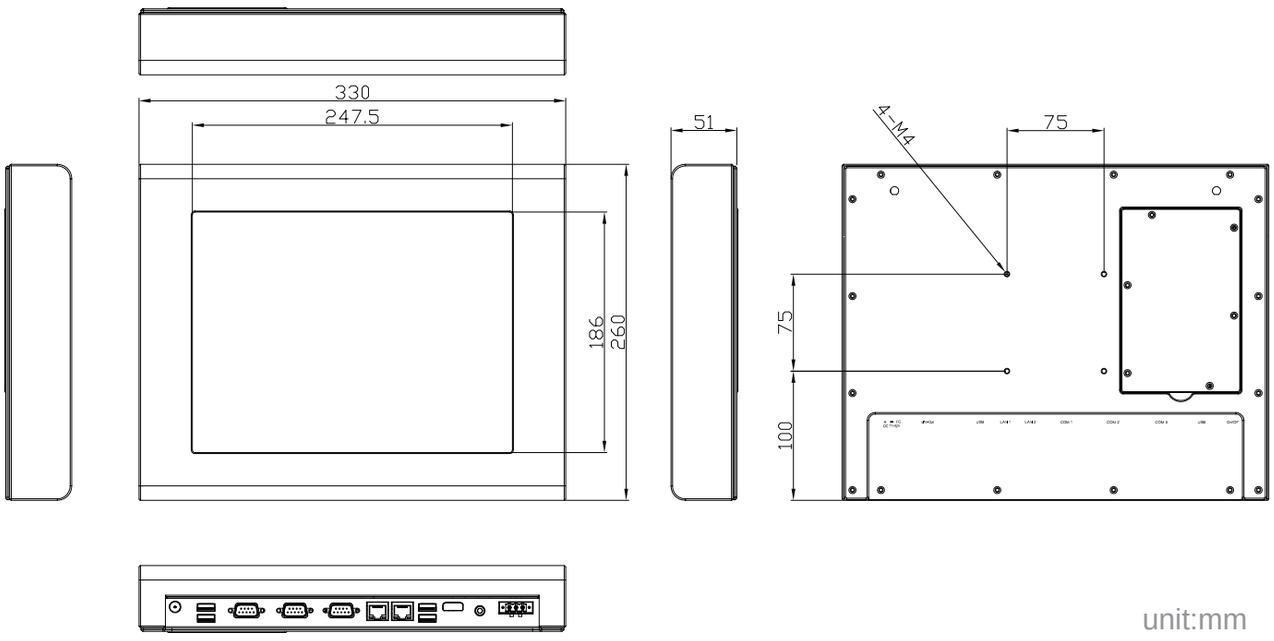
Specifications

Model No.	APC-3284A/APC-3285A	APC-3584A/APC-3585A	APC-3784A/APC-3785A	APC-3984A/APC-3985A
System				
Processor	Atom N2600(1M Cache,1.6 GHz)	Intel Atom Processor D2550 (1M Cache, 1.8 GHz)		
System chipset	Intel NM10 Express			
System memory	Onboard 2GB DDR3 800 MHz			
External I/O				
USB	4 x USB 2.0 type A			
Serial/Parallel	1 x RS-232/422/485 selectable default RS-485 DB9 1 x RS-232 DB9 1 x RS-422/485 selectable default RS-485 DB9			
Audio	1 x MIC, Line-out, Line-in phone jack			
Graph	None			
LAN	2 x GbE RJ-45			
Digital I/O	None			
KB/MS	None			
Membrane control	None			
Power	1 x 3 pin terminal block connector 1 x Power switch			
Storage Space				
HDD	1 x 2.5" SATA2			
Movable device	1 x Internal SD slot			
Expansion				
On board expansion bus	1 x Mini PCIe half size			
Expansion slot	None			
Display				
Display type	12.1" TFT-LCD	15" TFT-LCD	17" TFT-LCD	19" TFT-LCD
Max. resolution	800 x 600	1024 x 768	1280 x 1024	1280 x 1024
Max. color	262K	262K	16.7M	16.7M
Luminance(cd/m²)	350	400	350	350
View angle(H°/V°)	140/110	160/145	170/170	170/160
Contrast	300:1	800:1	1000:1	1000:1
Backlight lifetime(hrs)	50000	50000	50000	50000
Touch Screen				
Type	Resistive option			
Interface	RS-232			
Light transmission(%)	80%			
Power				
Power input	11~32V DC			
Mechanical				
Construction	Satinless steel (APC-3284A) Steel/Black (APC-3285A)	Satinless steel (APC-3584A) Steel/Black (APC-3585A)	Satinless steel (APC-3784A) Steel/Black (APC-3785A)	Stainless steel (APC-3984A) Steel/Black (APC-3985A)
IP rating	Fornt bezel IP65			
Mounting	VESA 75 x 75	VESA 75 x 75	VESA 75 x 75	VESA 100 x 100
Dimension(mm)	330 x 260 x 53	398 x 316 x 53	432 x 358 x 65	470 x 388.6 x 70
Net weight(Kgs)	4.3 (APC-3284A) 4 (APC-3285A)	6.9 (APC-3584A) 6.5 (APC-3585A)	7.9 (APC-3584A) 7.6 (APC-3585A)	9.8 (APC-3584A) 9.5 (APC-3585A)
Enviroment				
Operating temperature(°C)	0~50(with HDD) -20~60 (with Industrial SSD)			0~50
Storage temperature(°C)	-30~70	-30~70	-30~70	-30~60
Storage humidity	10 to 90% @ 40°C, non- condensing			
Certification	CE/FCC class A			
Operating System Support				
Microsoft Windows 7 pro for embedded, Windows embedded standard 7				

APC-3X84A/85A Stainless Steel Panel PC

Dimensions

APC-3284A/3285A



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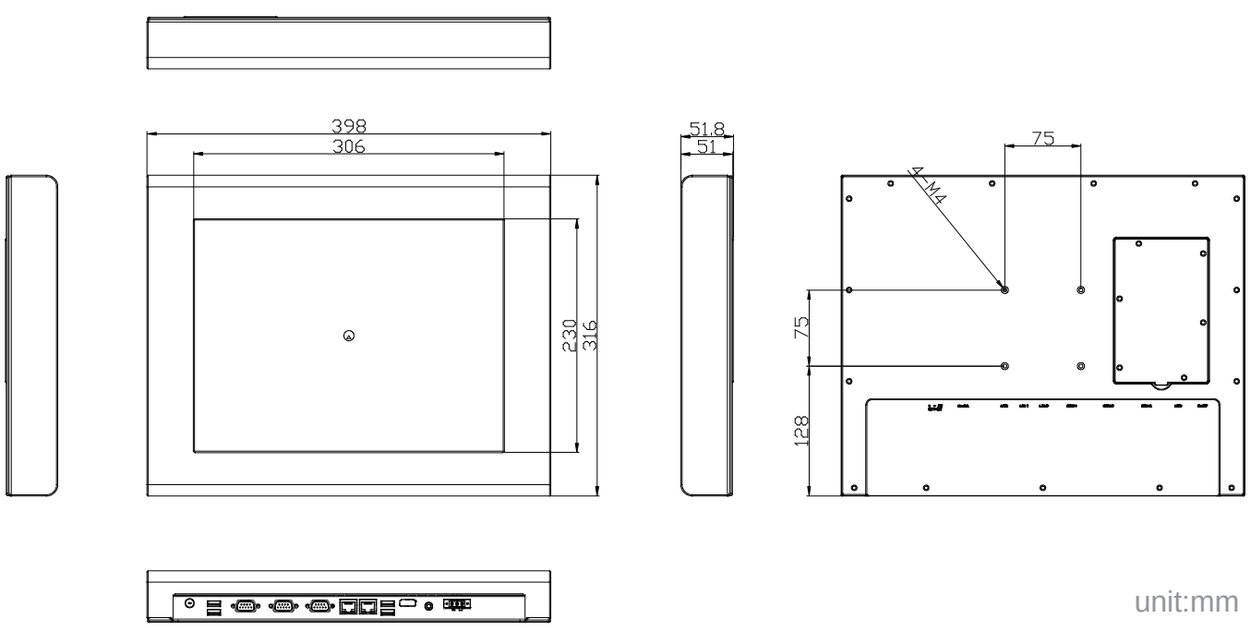
APC-3584A/3585A



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Ordering information

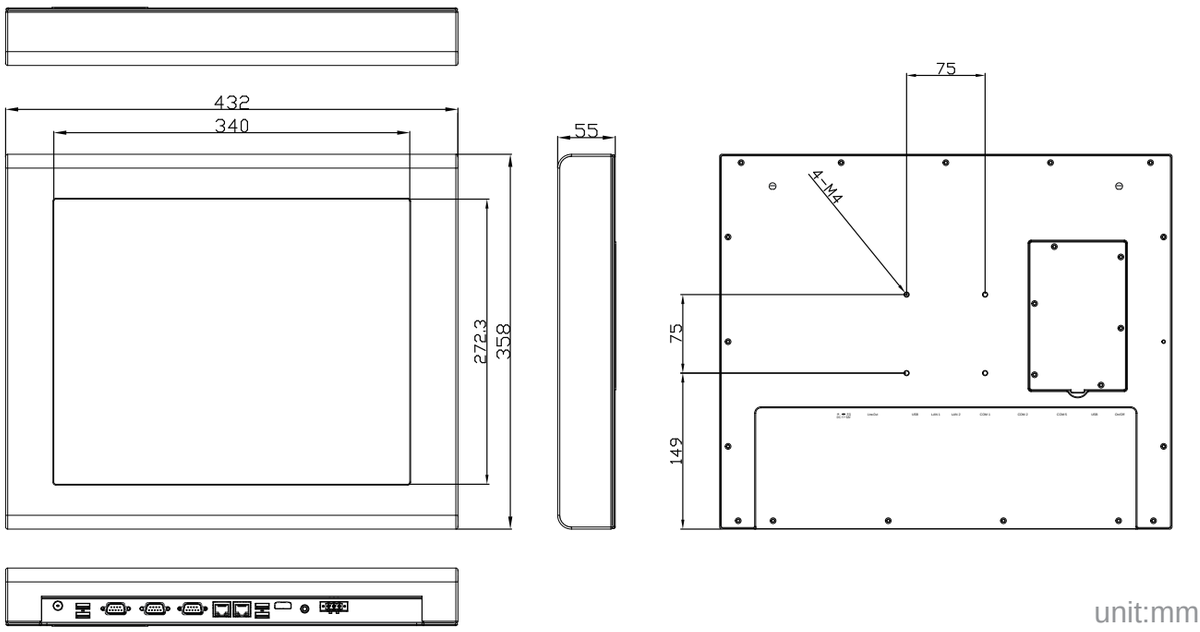
Model No.	Description
APC-3284A-01	12" SVGA 5 sides IP65 Intel Atom N2600 fan less panel PC, 2GB DDR3 memory 2.5" SATA2 320GB HDD, DC power input with adaptor, stainless steel enclosure
APC-3584A-01	15" XGA 5 sides IP65 Intel Atom D2550 fan less panel PC, 2GB DDR3 memory 2.5" SATA2 320GB HDD, DC power input with adaptor, stainless steel enclosure
APC-3285A-01	12" SVGA 5 sides IP65 Intel Atom N2600 fan less panel PC, 2GB DDR3 memory 2.5" SATA2 320GB HDD, DC power input with adaptor, black steel enclosure
APC-3585A-01	15" XGA 5 sides IP65 Intel Atom D2550 fan less panel PC, 2GB DDR3 memory 2.5" SATA2 320GB HDD, DC power input with adaptor, black steel enclosure

All specifications and photos are subject to change without notice.

APC-3X84A/85A Stainless Steel Panel PC

Dimensions

APC-3784A/3785A



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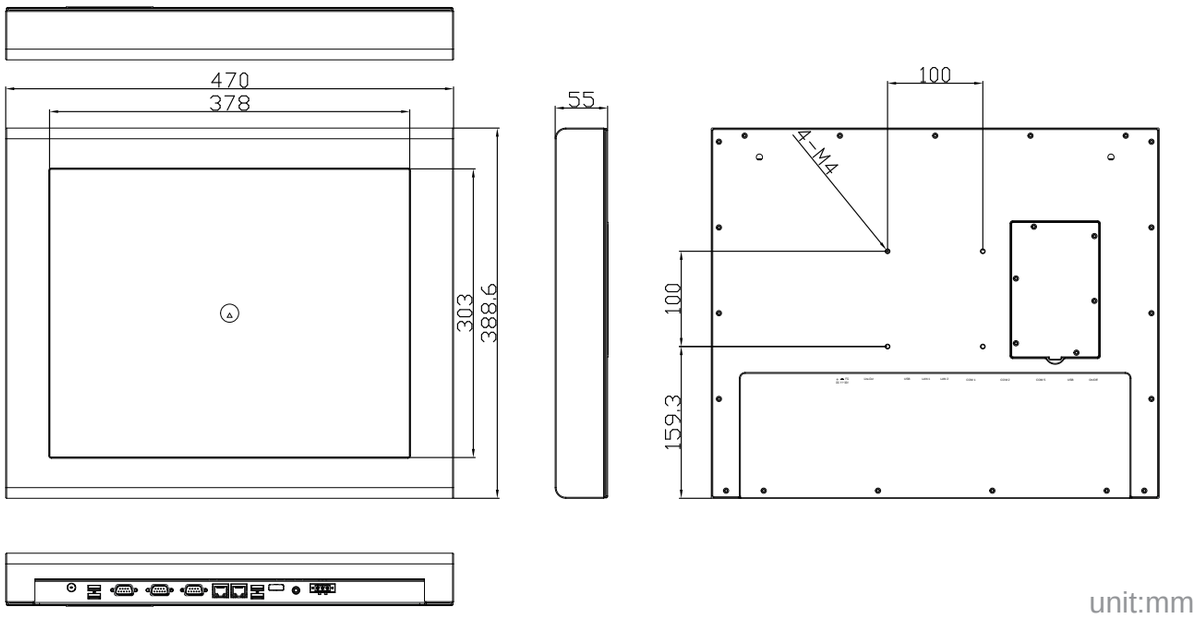
APC-3984A/3985A



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Ordering information

Model No.	Description
APC-3784A-01	17" SXGA 5 sides IP65 Intel Atom D2550 fan less panel PC, 2GB DDR3 memory 2.5" SATA2 320GB HDD, DC power input with adaptor, stainless steel enclosure
APC-3984A-01	19" SXGA 5 sides IP65 Intel Atom D2550 fan less panel PC,2GB DDR3 memory 2.5" SATA2 320GB HDD, DC power input with adaptor, stainless steel enclosure
APC-3785A-01	17" SXGA 5 sides IP65 Intel Atom D2550 fan less panel PC, 2GB DDR3 memory 2.5" SATA2 320GB HDD, DC power input with adaptor, black steel enclosure
APC-3985A-01	19" SXGA 5 sides IP65 Intel Atom D2550 fan less panel PC, 2GB DDR3 memory 2.5" SATA2 320GB HDD, DC power input with adaptor, black steel enclosure

All specifications and photos are subject to change without notice.

Stainless Steel Panel PC

APC-3X84/85

Low Power Consumption 5 Sides IP65/ Intel Atom N270 Panel PC

- Intel Atom N270 CPU support
- Fanless Design
- Resistive touch or GFG touch option
- IP65 except I/O side
- Wide range DC 11~32V

Features

1.

Industrial Grade LED Backlight LCD Simple Design Power Saving

2.

Resistive touch or GFG touch option

3.

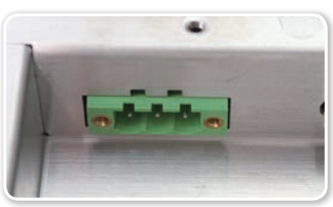
Slime size, Fanless Design

4.

Stainless Steel Enclosure Great Stainless Steel Workmanship

5.

IP65 except I/O side

6. 

Wide range DC 11~32V

All specifications and photos are subject to change without notice.

APC-3X84/85 Stainless Steel Panel PC

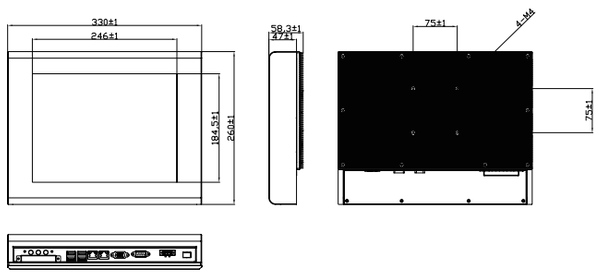
Specifications

Model No.	APC-3284/APC-3285	APC-3584/APC-3585	APC-3784/APC-3785	APC-3984/APC-3985
System				
Processor	Intel Atom Processor N270 (512K Cache, 1.6 GHz)			
System chipset	Intel 945GSE + ICH7M			
System memory	1 x DDR2 SO-DIMM slot, up to 2GB 533 MHz			
External I/O				
USB	4 x USB 2.0 type A			
Serial/Parallel	1 x RS-232 DB9 1 x RS-232/422/485 selectable default RS-485 DB9			
Audio	1 x MIC, Line-out, Line-in phone jack			
Graph	None			
LAN	2 x GbE RJ-45			
Digital I/O	None			
KB/MS	None			
Membrane control	None			
Power	1 x 3 pin terminal block connector	1 x 3 pin terminal block connector 1 x Power switch (ATX)	1 x 3 pin terminal block connector 1 x Power switch (ATX)	1 x 3 pin terminal block connector 1 x Power switch (ATX)
Storage Space				
HDD	1 x 2.5" SATA2			
Movable device	1 x external CF	1 x internal CF	1 x internal CF	1 x internal CF
Expansion				
On board expansion bus	1 x Mini PCIe full size			
Expansion slot	None			
Display				
Display type	12.1" TFT-LCD	15" TFT-LCD	17" TFT-LCD	19" TFT-LCD
Max. resolution	800 x 600	1024 x 768	1280 x 1024	1280 x 1024
Max. color	262K	262K	16.7M	16.7M
Luminance(cd/m²)	350	400	350	350
View angle(H°/V°)	140/110	160/145	170/170	170/160
Contrast	300:1	800:1	1000:1	1000:1
Backlight lifetime(hrs)	50000	50000	50000	50000
Touch Screen				
Type	Resistive option			
Interface	USB			
Light transmission(%)	80%			
Power				
Power input	11~32V DC			
Mechanical				
Construction	Satinless steel (APC-3284) Steel/Black (APC-3285)	Satinless steel (APC-3584) Steel/Black (APC-3585)	Satinless steel (APC-3784) Steel/Black (APC-3785)	Satinless steel (APC-3984) Steel/Black (APC-3985)
IP rating	Fornt bezel IP65			
Mounting	VESA 75 x 75	VESA 75 x 75	VESA 75 x 75	VESA 100 x 100
Dimension(mm)	330 x 260 x 58.3	398 x 316 x 56	432 x 358 x 68.7	470 x 388.6 x 71.8
Net weight(Kgs)	4.7 (APC-3284) 4.2 (APC-3285)	7.2 (APC-3584) 6.9 (APC-3585)	8.2 (APC-3584) 7.9 (APC-3585)	10.1 (APC-3584) 9.8 (APC-3585)
Enviroment				
Operating temperature(°C)	0~50			
Storage temperature(°C)	-20~60			
Storage humidity	10 to 90% @ 40°C, non- condensing			
Certification	CE/FCC class A			
Operating System Support				
Microsoft Windows XP Pro, XP embedded, Windows 7 Pro for embedded, Windows embedded standard 7				

APC-3X84/85 Stainless Steel Panel PC

Dimensions

APC-3285/3284



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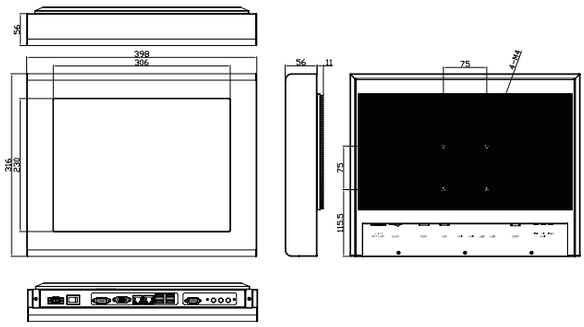
APC-3584/3585



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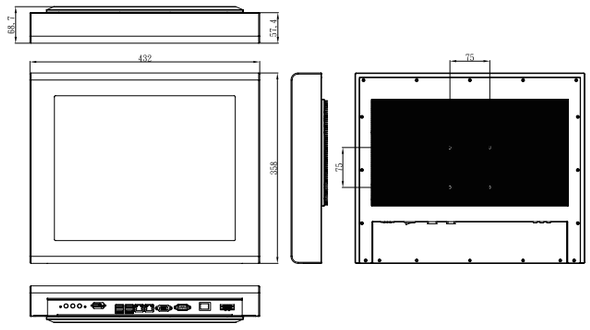
APC-3784/3785



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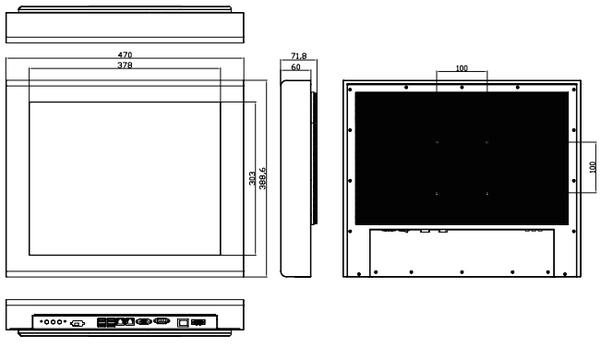
APC-3984/3985



unit:mm

Ordering information

Model No.	Description
APC-3284T-09	12" SVGA 5 sides IP65 Intel Atom N270 fan less panel PC,1GB DDR2 memory,2.5" SATA2 320GB HDD.Resistive touch,11~32VDC power input with adaptor, stainless steel enclosure
APC-3584T-08	15" XGA 5 sides IP65 Intel Atom N270 fan less panel PC, 1GB DDR2 memory,2.5" SATA2 320GB HDD.Resistive touch,11~32VDC power input with adaptor, stainless steel enclosure
APC-3784T-07	17" SXGA 5 sides IP65 Intel Atom N270 fan less panel PC, 1GB DDR2 memory,2.5" SATA2 320GB HDD.Resistive touch,11~32VDC power input with adaptor, stainless steel enclosure
APC-3984T-07	19" SXGA 5 sides IP65 Intel Atom N270 fan less panel PC, 1GB DDR2 memory,2.5" SATA2 320GB HDD.Resistive touch,11~32VDC power input with adaptor, stainless steel enclosure
APC-3285T-05	12" SVGA 5 sides IP65 Intel Atom N270 fan less panel PC, 1GB DDR2 memory,2.5" SATA2 320GB HDD.Resistive touch,11~32VDC power input with adaptor, steel enclosure
APC-3585T-07	15" XGA 5 sides IP65 Intel Atom N270 fan less panel PC,2.5" SATA2 320GB HDD.Resistive touch,11~32VDC power input with adaptor, steel enclosure
APC-3785T-09	17" SXGA 5 sides IP65 Intel Atom N270 fan less panel PC,2.5" SATA2 320GB HDD.Resistive touch,11~32VDC power input with adaptor, steel enclosure
APC-3985T-06	19" SXGA 5 sides IP65 Intel Atom N270 fan less panel PC, 2.5" SATA2 320GB HDD, Resistive touch,11~32VDC power input with adaptor, steel enclosure

All specifications and photos are subject to change without notice.

Stainless steel PPC

APC-3X82/83

Low Power Consumption 5 Sides IP65/ Intel Atom D525 Panel PC

- Intel Atom D525 CPU support
- Fanless Design
- Resistive touch or GFG touch option
- IP42 external I/O cover
- Wide range DC 11~32V

Features

1.
Industrial Grade LED Backlight LCD
Simple Design, Power Saving

2.
Resistive touch or
GFG touch option

3.
Slim size, Fanless Design

4.
Stainless Steel Enclosure
Great Stainless Steel
Workmanship

5.
5 Sides IP65 and IP42 Back Cover

6.
Wide range DC 11~32V

All specifications and photos are subject to change without notice.

APC-3X82/83 Stainless Steel Panel PC

APC-3X82 Stainless steel

APC-3X83 Black steel

Specifications

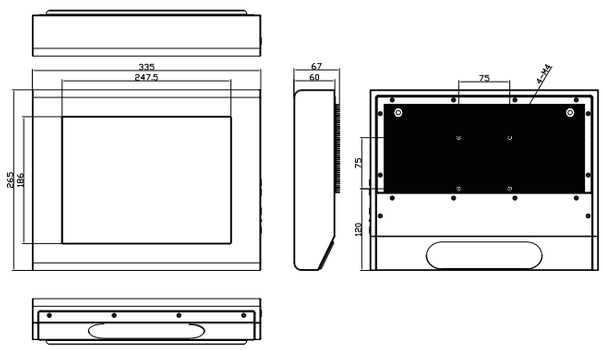
Model No.	APC-3282/APC-3283	APC-3582/APC-3583	APC-3782/APC-3783	APC-3982/APC-3983
System				
Processor	Intel Atom Processor D525 (1M Cache, 1.8 GHz)			
System chipset	Intel ICH8M			
System memory	1 x DDR3 SO-DIMM slot, up to 2GB 800MHz			
External I/O				
USB	4 x USB 2.0 type A			
Serial/Parallel	1 x RS-232 DB9 1 x RS-232/422/485 selectable default RS-485 DB9			
Audio	None			
Graph	None			
LAN	2 x GbE RJ-45			
Digital I/O	1 x 7 pin 4 GPIO/1GND/switch± terminal block connector			
KB/MS	None			
Membrane control	4 key membrane for brightness up and down/Screen and Touch on/off/Power on/off			
Power	1 x 3 pin terminal block connector			
Storage Space				
HDD	1 x 2.5" SATA2			
Movable device	1 x Internal CF slot	1 x Internal CF slot, 1 x External CF slot		
Expansion				
On board expansion bus	1 x Mini PCIe full size, 1 x Mini PCIe half size			
Expansion slot	None			
Display				
Display type	12.1" TFT-LCD	15" TFT-LCD	17" TFT-LCD	19" TFT-LCD
Max. resolution	800 x 600	1024 x 768	1280 x 1024	1280 x 1024
Max. color	262K	262K	16.7M	16.7M
Luminance(cd/m²)	350	400	350	350
View angle(H°/V°)	140/110	160/145	170/170	170/160
Contrast	300:1	800:1	1000:1	1000:1
Backlight lifetime(hrs)	50000	50000	50000	50000
Touch Screen				
Type	Resistive option			
Interface	USB			
Light transmission(%)	80%			
Power				
Power input	11~32V DC			
Mechanical				
Construction	Satinless steel with aluminum heat-sink (APC-3282) Steel/Black with aluminum heat-sink (APC-3283)	Satinless steel with aluminum heat-sink (APC-3582) Steel/Black with aluminum heat-sink (APC-3583)	Satinless steel with aluminum heat-sink (APC-3782) Steel/Black with aluminum heat-sink (APC-3783)	Satinless steel with aluminum heat-sink (APC-3982) Steel/Black with aluminum heat-sink (APC-3983)
IP rating	Fornt bezel IP65, I/O side IP42 with waterproof kit			
Mounting	VESA 75 x 75	VESA 75 x 75	VESA 75 x 75	VESA 100 x 100
Dimension(mm)	335 x 265 x 67	399 x 324 x 67	432 x 358 x 66.8	470 x 388.6 x 67
Net weight(Kgs)	4.5 (APC-3282) 4 (APC-3283)	7.5 (APC-3582) 6.5 (APC-3583)	8.2 (APC-3782) 8.1 (APC-3783)	10.1 (APC-3982) 9.8 (APC-3983)
Enviroment				
Operating temperature(°C)	0~50			
Storage temperature(°C)	-20~60			
Storage humidity	10 to 90% @ 40°C, non- condensing			
Certification	CE/FCC class A			
Operating System Support				
Microsoft Windows XP Pro, XP embedded, Windows 7 Pro for embedded, Windows embedded standard 7				

All specifications and photos are subject to change without notice.

APC-3X82/83 Stainless Steel Panel PC

Dimensions

APC-3282/3283



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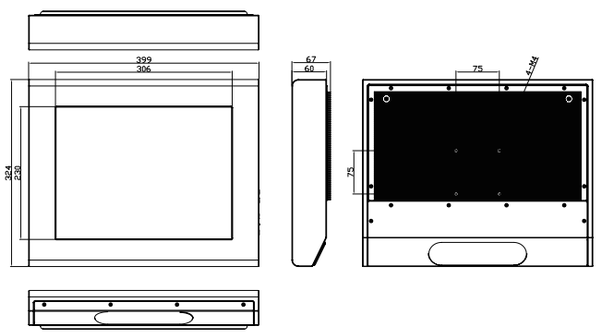
APC-3582/3583



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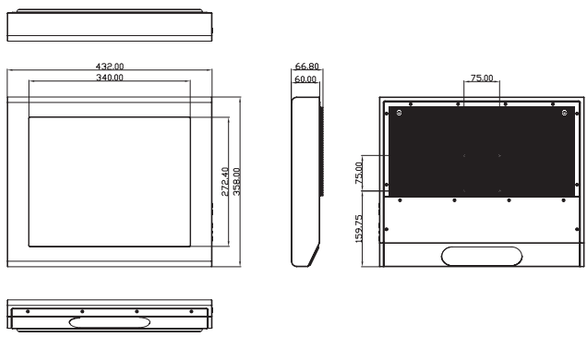
APC-3782/3783



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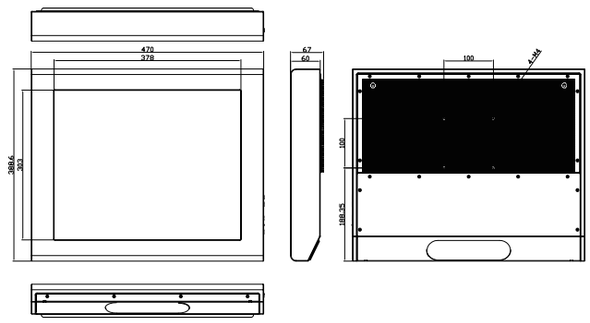
APC-3982/3983



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Ordering information

Model No.	Description
APC-3282T-01	12" SVGA IP 65 front/ IP 42 back fan less design stainless steel panel PC Intel ATOM D525 processor, 2GB DDR3 800 MHz memory, 320GB 2.5" SATA HDD, resistive touch, 11~32V DC power input with Adaptor, stainless steel enclosure
APC-3582T-03	15" XGA IP 65 front/ IP 42 back fan less design stainless steel panel PC Intel ATOM D525 processor, 2GB DDR3 800 MHz memory, 320GB 2.5" SATA HDD, resistive touch, 11~32V DC power input with Adaptor, stainless steel enclosure
APC-3782T-01	17" SXGA IP 65 front/ IP 42 back fan less design stainless steel panel PC bare bone, Intel ATOM D525 processor, 2G DDR3 800 MHz menory, 320GB 2.5" SATA HDD, resistive touch, , 11~32VDC power input with Adaptor, Stainless steel enclosure
APC-3982T-01	19" SXGA IP 65 front/ IP 42 back fan less design stainless steel panel PC bare bone, Intel ATOM D525 processor, 2G DDR3 800 MHz menory, 320GB 2.5" SATA HDD, resistive touch, , 11~32VDC power input with Adaptor, Stainless steel enclosure
APC-3283T-01	12" SVGA IP 65 front/ IP 42 back fan less design steel panel PC Intel ATOM D525 processor, 2GB DDR3 800 MHz memory, 320GB 2.5" SATA HDD, resistive touch, 11~32V DC power input with Adaptor, Steel black enclosure
APC-3583T-01	15" XGA IP 65 front/ IP 42 back fan less design steel panel PC Intel ATOM D525 processor, 2GB DDR3 800 MHz memory, 320GB 2.5" SATA HDD, resistive touch, 11~32V DC power input with Adaptor, steel enclosure
APC-3783T-01	17" SXGA IP 65 front/ IP 42 back fan less design steel panel PC bare bone, Intel ATOM D525 processor, 2G DDR3 800 MHz menory, 320GB 2.5" SATA HDD, resistive touch, , 11~32VDC power input with Adaptor, Steel black enclosure
APC-3983T-01	19" SXGA IP 65 front/ IP 42 back fan less design steel panel PC bare bone, Intel ATOM D525 processor, 2G DDR3 800 MHz menory, 320GB 2.5" SATA HDD, resistive touch, , 11~32VDC power input with Adaptor, Steel black enclosure